

=> d his

(FILE 'HOME' ENTERED AT 19:14:39 ON 31 JAN 2005)

FILE 'CAPLUS, MEDLINE, BIOSIS, USPATFULL' ENTERED AT 19:14:59 ON 31 JAN
2005

L1	0 S LECINE437
L2	1 S L437W
L3	0 S IL589
L4	43 S A438
L5	1 S L4 AND NAV
L6	0 S IL589
L7	0 S IL 589
L8	7 S RAT NAV
L9	1 S L8 AND MUTANT
L10	0 S L9 AND IL589
L11	0 S L9 AND A438

L2 ANSWER 1 OF 1 USPATFULL on STN
AN 2004:334707 USPATFULL
TI Screen for sodium channel modulators
IN Wang, Sho-Ya, Voorheesville, NY, UNITED STATES
PI US 2004265788 A1 20041230
AI US 2003-608584 A1 20030626 (10)
DT Utility
FS APPLICATION
LN.CNT 1839
INCL INCLM: 435/004.000
NCL NCLM: 435/004.000
IC [7]
ICM: C12Q001-00

=> s il589
L3 0 IL589

=> s a438
L4 43 A438

=> s l4 and Nav
L5 1 L4 AND NAV

=> d 15

L5 ANSWER 1 OF 1 USPATFULL on STN
AN 2004:334707 USPATFULL
TI Screen for sodium channel modulators
IN Wang, Sho-Ya, Voorheesville, NY, UNITED STATES
PI US 2004265788 A1 20041230
AI US 2003-608584 A1 20030626 (10)
DT Utility
FS APPLICATION
LN.CNT 1839
INCL INCLM: 435/004.000
NCL NCLM: 435/004.000
IC [7]
ICM: C12Q001-00

=> s il589
L6 0 IL589

=> s il 589
L7 0 IL 589

=> s rat Nav
L8 7 RAT NAV

=> s l8 and mutant
L9 1 L8 AND MUTANT

=> d 19

L9 ANSWER 1 OF 1 USPATFULL on STN
AN 2004:314535 USPATFULL
TI Sodium channel regulators and modulators
IN Okuse, Kenji, London, UNITED KINGDOM
Baker, Mark, London, UNITED KINGDOM
Poon, Louisa, London, UNITED KINGDOM

Wood, John Nicholas, London, UNITED KINGDOM
Malik-Hall, Misbah, London, UNITED KINGDOM
PI US 2004248207 A1 20041209
AI US 2004-487337 A1 20040713 (10)
WO 2002-GB3852 20020820
PRAI GB 2001-20238 20010820
DT Utility
FS APPLICATION
LN.CNT 3623
INCL INCLM: 435/007.200
NCL NCLM: 435/007.200
IC [7]
ICM: G01N033-53
ICS: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 19 and il589
L10 0 L9 AND IL589

=> s 19 and a438
L11 0 L9 AND A438

=> d his

(FILE 'HOME' ENTERED AT 20:09:26 ON 31 JAN 2005)

FILE 'MEDLINE' ENTERED AT 20:09:35 ON 31 JAN 2005

E WANG SHO /AU

L1 12 S E4

L2 12 DUP REM L1 (0 DUPLICATES REMOVED)

L1 ANSWER 1 OF 12 MEDLINE on STN
AN 2004598935 IN-PROCESS
DN PubMed ID: 15545401
TI Block of inactivation-deficient Na⁺ channels by local anesthetics in stably transfected mammalian cells: evidence for drug binding along the activation pathway.
AU Wang Sho-Ya; Mitchell Jane; Moczydlowski Edward; Wang Ging Kuo
CS Department of Biology, State University of New York at Albany, NY 12222, USA.
NC GM48090 (NIGMS)
HL66076 (NHLBI)
SO Journal of general physiology, (2004 Dec) 124 (6) 691-701.
Journal code: 2985110R. ISSN: 0022-1295.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20041202
Last Updated on STN: 20050122

=> dup rem 11
PROCESSING COMPLETED FOR L1
L2 12 DUP REM L1 (0 DUPLICATES REMOVED)

=> d 12 1-11

L2 ANSWER 1 OF 12 MEDLINE on STN
AN 2004598935 IN-PROCESS
DN PubMed ID: 15545401
TI Block of inactivation-deficient Na⁺ channels by local anesthetics in stably transfected mammalian cells: evidence for drug binding along the activation pathway.
AU Wang Sho-Ya; Mitchell Jane; Moczydlowski Edward; Wang Ging Kuo
CS Department of Biology, State University of New York at Albany, NY 12222, USA.
NC GM48090 (NIGMS)
HL66076 (NHLBI)
SO Journal of general physiology, (2004 Dec) 124 (6) 691-701.
Journal code: 2985110R. ISSN: 0022-1295.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20041202
Last Updated on STN: 20050122

L2 ANSWER 2 OF 12 MEDLINE on STN
AN 2004056743 MEDLINE
DN PubMed ID: 14608007
TI Mexiletine block of wild-type and inactivation-deficient human skeletal muscle hNav1.4 Na⁺ channels.
AU Wang Ging Kuo; Russell Corinna; Wang Sho-Ya
CS Department of Anaesthesia, Harvard Medical School and Brigham and Women's Hospital, Boston, MA, USA.. wang@zeus.bwh.harvard.edu
NC GM 48090 (NIGMS)
HL 66076 (NHLBI)
SO Journal of physiology, (2004 Feb 1) 554 (Pt 3) 621-33.
Journal code: 0266262. ISSN: 0022-3751.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 200411
ED Entered STN: 20040204
Last Updated on STN: 20041117
Entered Medline: 20041116

L2 ANSWER 3 OF 12 MEDLINE on STN
AN 2004374506 MEDLINE
DN PubMed ID: 15275764
TI State-dependent block of voltage-gated Na⁺ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain.
AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**
CS Department of Anesthesia, Brigham and Women's Hospital and Harvard Medical School, 75 Francis Street, Boston, MA 02115, USA..
wang@zeus.bwh.harvard.edu
SO Pain, (2004 Jul) 110 (1-2) 166-74.
Journal code: 7508686. ISSN: 0304-3959.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200410
ED Entered STN: 20040728
Last Updated on STN: 20041026
Entered Medline: 20041025

L2 ANSWER 4 OF 12 MEDLINE on STN
AN 2004056345 MEDLINE
DN PubMed ID: 14757121
TI Electrophysiologic properties of lidocaine, cocaine, and n-3 fatty-acids block of cardiac Na⁺ channels.
AU Xiao Yong-Fu; Ke Qingen; **Wang Sho-Ya**; Yang Yinke; Chen Yu; Wang Ging Kuo; Morgan James P; Cox Benjamin; Leaf Alexander
CS Department of Medicine, Beth Israel Deaconess Medical Center and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02215, USA.
NC DA11762 (NIDA)
DK38165 (NIDDK)
GM35401 (NIGMS)
HL62284 (NHLBI)
SO European journal of pharmacology, (2004 Feb 6) 485 (1-3) 31-41.
Journal code: 1254354. ISSN: 0014-2999.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200410
ED Entered STN: 20040204
Last Updated on STN: 20041006
Entered Medline: 20041005

L2 ANSWER 5 OF 12 MEDLINE on STN
AN 2003239448 MEDLINE
DN PubMed ID: 12761351
TI Point mutations at L1280 in Nav1.4 channel D3-S6 modulate binding affinity and stereoselectivity of bupivacaine enantiomers.
AU Nau Carla; **Wang Sho-Ya**; Wang Ging Kuo
CS Department of Anesthesiology, Friedrich-Alexander-University Erlangen-Nuremberg, Krankenhausstrasse 12, 91054 Erlangen, Germany..
Carla.Nau@kfa.imed.uni-erlangen.des
NC GM 35401 (NIGMS)

GM 48090 (NIGMS)
HL 66076 (NHLBI)

SO Molecular pharmacology, (2003 Jun) 63 (6) 1398-406.
Journal code: 0035623. ISSN: 0026-895X.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200306
ED Entered STN: 20030523
Last Updated on STN: 20030627
Entered Medline: 20030626

L2 ANSWER 6 OF 12 MEDLINE on STN
AN 2003353108 MEDLINE
DN PubMed ID: 12885638
TI Tryptophan scanning of D1S6 and D4S6 C-termini in voltage-gated sodium channels.
AU Wang Sho-Ya; Bonner Kaitlin; Russell Corinna; Wang Ging Kuo
CS Department of Biology, State University of New York at Albany, Albany, New York, USA.
NC HL66076 (NHLBI)
SO Biophysical journal, (2003 Aug) 85 (2) 911-20.
Journal code: 0370626. ISSN: 0006-3495.

CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200405
ED Entered STN: 20030730
Last Updated on STN: 20040525
Entered Medline: 20040524

L2 ANSWER 7 OF 12 MEDLINE on STN
AN 2003237767 MEDLINE
DN PubMed ID: 12626674
TI Veratridine block of rat skeletal muscle Nav1.4 sodium channels in the inner vestibule.
AU Wang Ging Kuo; Wang Sho-Ya
CS Department of Anesthesia, Harvard Medical School and Brigham and Women's Hospital, Boston, MA, USA.. wang@zeus.bwh.harvard.edu
NC GM35401 (NIGMS)
HL66076 (NHLBI)
SO Journal of physiology, (2003 May 1) 548 (Pt 3) 667-75.
Journal code: 0266262. ISSN: 0022-3751.

CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200408
ED Entered STN: 20030523
Last Updated on STN: 20031217
Entered Medline: 20040819

L2 ANSWER 8 OF 12 MEDLINE on STN
AN 2003464184 MEDLINE
DN PubMed ID: 12913091
TI State-dependent block of wild-type and inactivation-deficient Na⁺ channels by flecainide.
AU Wang Ging Kuo; Russell Corinna; Wang Sho-Ya
CS Department of Anesthesia, Brigham and Women's Hospital, 75 Francis St., Boston, MA 02115, USA.. wang@zeus.bwh.harvard.edu

NC GM48090 (NIGMS)
HL66076 (NHLBI)
SO Journal of general physiology, (2003 Sep) 122 (3) 365-74.
Journal code: 2985110R. ISSN: 0022-1295.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200405
ED Entered STN: 20031008
Last Updated on STN: 20040522
Entered Medline: 20040521

L2 ANSWER 9 OF 12 MEDLINE on STN
AN 2003285949 MEDLINE
DN PubMed ID: 12812762
TI A tyrosine residue in TM6 of the Vanilloid Receptor TRPV1 involved in desensitization and calcium permeability of capsaicin-activated currents.
AU Mohapatra Durga Prasanna; Wang Sho-Ya; Wang Ging Kuo; Nau Carla
CS Department of Anesthesiology, Friedrich-Alexander-University Erlangen-Nuremberg, 91054 Erlangen, Germany.
SO Molecular and cellular neurosciences, (2003 Jun) 23 (2) 314-24.
Journal code: 9100095. ISSN: 1044-7431.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200309
ED Entered STN: 20030619
Last Updated on STN: 20031001
Entered Medline: 20030930

L2 ANSWER 10 OF 12 MEDLINE on STN
AN 2002702779 MEDLINE
DN PubMed ID: 12464386
TI Voltage-gated sodium channels as primary targets of diverse lipid-soluble neurotoxins.
AU Wang Sho-Ya; Wang Ging Kuo
CS Department of Biology, State University of New York at Albany, Albany, NY 12222, USA.. wang@zeus.bwh.harvard.edu
SO Cellular signalling, (2003 Feb) 15 (2) 151-9. Ref: 68
Journal code: 8904683. ISSN: 0898-6568.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW LITERATURE)
LA English
FS Priority Journals
EM 200308
ED Entered STN: 20021217
Last Updated on STN: 20030829
Entered Medline: 20030828

L2 ANSWER 11 OF 12 MEDLINE on STN
AN 2002300870 MEDLINE
DN PubMed ID: 12040081
TI PKA/AKAP/VR-1 module: A common link of Gs-mediated signaling to thermal hyperalgesia.
AU Rathee Parvinder Kaur; Distler Carsten; Obreja Otilia; Neuhuber Winfried; Wang Ging Kuo; Wang Sho-Ya; Nau Carla; Kress Michaela
CS Institute of Physiology, Department of Anaesthesiology, University of Erlangen, D-91054 Erlangen, Germany.. ihan@phy.ucsf.edu

SO Journal of neuroscience : official journal of the Society for
Neuroscience, (2002 Jun 1) 22 (11) 4740-5.
Journal code: 8102140. ISSN: 1529-2401.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200207

ED Entered STN: 20020604
Last Updated on STN: 20020707
Entered Medline: 20020705